

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-2. Cancelled.

3. (currently amended) A method for controlling automatic range shift decisions in selecting an appropriate range from at least two possible ranges in a manually shifted, multiple-ratio vehicular transmission system, each range having a plurality of ratios, the method comprising:

detecting an intent to shift signal;

determining a set of potential target gear ratios, in response to detecting the intent to shift signal;

executing engine overspeed tests to verify at least one of the set of potential target gear ratios;

determining an appropriate range based on operating variables including the target gear ratio verified by the engine overspeed tests; and

executing an automatic range shift to select the determined range based in part on the target gear ratio when the target gear ratio is not in a current range; and

~~The method of claim 1 wherein determining the appropriate range comprises:~~
determining if the vehicle speed is above a low speed latch; and if the vehicle speed is above the low speed latch, controlling an automatic range shift, otherwise shifting the transmission system into low range.

4-7. Cancelled.

8. (currently amended) A method for controlling automatic range shift decisions in selecting an appropriate range from at least two possible ranges in a manually shifted, multiple-ratio vehicular transmission system, each range having a plurality of ratios, the method comprising: